

IN THE CLAIMS:

Claim 1 (previously amended) A substantially purified form of a polypeptide that comprises the amino acid sequence shown in SEQ ID NO: 4 or 8, or that comprises an amino acid sequence having at least 95% homology with the amino acid sequence shown in SEQ ID NO: 4 or 8.

Claim 2 (previously amended) The polypeptide according to claim 1 that comprises the amino acid sequence shown in SEQ ID NO: 4 or 8.

Claim 3 (original) A cDNA encoding the polypeptide according to claim 1.

Claim 4 (previously amended) The cDNA according to claim 3 or 11 that comprises the nucleotide sequence shown in SEQ ID NO: 1 or 5.

Claim 5 (previously amended) The cDNA according to claim 3 or 11 that comprises the nucleotide sequence shown in SEQ ID NO: 2 or 6.

Claim 6 (previously amended) A replication or expression vector carrying the cDNA according to claim 3.

Claim 7 (original) A host cell transformed with the replication or expression vector according to claim 6.

Claim 8 (currently amended) A method for producing a polypeptide that comprises the amino acid sequence shown in SEQ ID NO: 4 or 8, or that comprises an amino acid sequence having at least 95% homology with the amino acid sequence shown in SEQ ID NO: 4 or 8, the polypeptide according to claim 1 which comprises culturing a host cell according to claim 7


under conditions effective to express said the polypeptide according to claim 1, and recovering the polypeptide so expressed.

Claims 9-10 (canceled).

Claim 11 (previously added) A cDNA encoding the polypeptide according to claim 2.

Claim 12 (previously added) A polypeptide in substantially purified form having the amino acid sequence of residues 1 to 392 of SEQ ID NO: 4.

Claim 13 (previously added) A polypeptide in substantially purified form having the amino acid sequence of residues 1 to 398 of SEQ ID NO: 8.

 Claim 14 (previously added) A polypeptide in substantially purified form having an amino acid sequence that is at least 95% homologous with the amino acid sequence of residues 1 to 392 of SEQ ID NO: 4.

Claim 15 (previously added) A polypeptide in substantially purified form having an amino acid sequence that is at least 95% homologous with the amino acid sequence of residues 1 to 398 of SEQ ID NO: 8.

Claim 16 (previously added) A cDNA encoding a polypeptide according to claim 12.

Claim 17 (previously added) A cDNA encoding a polypeptide according to claim 13.

Claim 18 (previously added) A cDNA encoding a polypeptide according to claim 14.

Claim 19 (previously added) A cDNA encoding a polypeptide according to claim 15.

Claim 20 (previously added) A replication or expression vector comprising the cDNA according to claim 4.

Claim 21 (previously added) A replication or expression vector comprising the cDNA according to claim 5.

D1 Claim 22 (currently amended) A method for producing a polypeptide that comprises the amino acid sequence shown in SEQ ID NO: 4 or 8, the polypeptide according to claim 2, which comprises culturing a host cell according to claim 7 under a condition effective to express said the polypeptide according to claim 2, and recovering the polypeptide so expressed.
